

Supply Chain 2012

6th Annual NASA Supply Chain Quality Assurance Conference
October 16 –18, 2012

NASA Goddard Space Flight Center (GSFC)
Greenbelt, MD, Building 3 Goett Auditorium

Managing Successful, Affordable Space Missions

October 16th

- 7:00am Visitor Badging (GSFC Visitor Center/Building 88) and Conference Check-In (Building 3 Goett Auditorium)*
- 8:30am Welcome and Conference Overview
Cindy Mead, Chief, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC
- 8:45am Opening Remarks from the Conference Co-Chairs
- *Judith N. Bruner, Director, Safety and Mission Assurance Directorate, NASA GSFC*
- *Dennis J. Andrucyk, Director, Applied Engineering and Technology Directorate, NASA GSFC*
- 9:10am NASA Goddard's Outlook
Christopher J. Scolese, Director, NASA GSFC
- 9:50am Balancing Performance, Quality and Cost in Commercial Space Flight Projects
Frank DeMauro, Vice President and COTS/CRS Program Director, Advanced Programs Group, Orbital Sciences Corporation
- 10:40am Networking Break*
- 11:10am Science Programs at NASA Goddard
Nicholas White, Director, Sciences and Exploration Directorate, NASA GSFC
- 12:00pm Lunch Break (see listing of local lunch options)
- 1:10pm NASA Safety & Mission Assurance Strategy
Thomas D. Whitmeyer, Deputy Chief, Office of Safety and Mission Assurance, NASA Headquarters
- 1:50pm Quality Assurance for Smaller Suppliers
Brian Hughitt, Manager of Quality Assurance, Office of Safety and Mission Assurance, NASA Headquarters

- 2:20pm Panel Session: Industry Trends and Best Practices in Quality Management
Panel Chair: Cindy Mead, Chief, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC
Panelists:
- *Kevin Beard, President, NQA, USA*
- *Kimberly Spurlock, President & CEO, Qual-Tech, Inc.*
- *Richard M. Day, Space Sector Chief of Mission Assurance and Deputy Chief Quality Officer, The Johns Hopkins University Applied Physics Laboratory*
- 3:20pm Networking Break*
- 3:40pm Lessons Learned in Quality Assurance from the Space Shuttle Program
- *Russ Deloach, Deputy Director, Safety and Mission Assurance, NASA Kennedy Space Center*
- *Keith W. Jones, Project Manager, Supplier Quality and Mission Assurance, United Space Alliance Aerospace Services*
- 4:15pm Panel Session: Mission Assurance Challenges in Space Flight Projects
Panel Chair: Jonathan Root, Senior Supply Chain Manager, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC
Panelists:
- *Sherri Fike, Vice President, Mission Assurance, Ball Aerospace & Technology Corporation*
- *Regina Palmer, Quality Assurance Director, Sensing and Exploration Systems, Lockheed Martin Space Systems Company*
- *Vernon (Bill) Wessel, Vice President, ARES Corporation*
- 5:20pm Adjourn for the Day
- 5:30pm Space Industry Supplier Social (Location: local venue TBD)

October 17th

- 7:00am Conference Check-In (Building 3 Goett Auditorium)*
- 8:15am Today's Agenda
Dave Campbell, Deputy Chief, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC
- 8:30am GSFC Supplier Assessments: Analysis and Approach
- Brenda Brunello, Lead Auditor, NASA Audits, Assessments, and Assurance (A3) Services, Honeywell Technology Solutions Inc.
- Jonathan Root, Senior Supply Chain Manager, Institutional Support Office, Safety and Mission Assurance Directorate, NASA GSFC
- 9:00am Mission Assurance Requirements for Space Flight Projects
Michael Kelly, Chief, Mission Support Division, Safety and Mission Assurance Directorate, NASA GSFC
- 9:30am Panel Session: Project Management and Product Quality in Lean Organizations
Panel chair: Joe Radich, Chief Safety and Mission Assurance Officer for the James Webb Space Telescope, Safety and Mission Assurance Directorate, NASA GSFC
Panelists:
- Theresa Beech, President & Chair of the Board, GMV USA
- Greg Laue, Director, Aerospace Products, NeXolve Corporation
- Tom Macdonald, Vice President, Aerospace Division, Adcole Corporation
- 10:40am Networking Break*
- 11:00am Demystifying the Rigors of Engineering Critical Software Systems
- Manuel Maldonado, Chief Engineer, Software Engineering Division, Applied Engineering and Technology Directorate, NASA GSFC
- Isaac McGinnis, Lead Software Reliability Engineer, Software Assurance Office, Safety and Mission Assurance Directorate, NASA GSFC
- 11:35am Deep Dive Survey of Space Industry Suppliers
- Brad Botwin, Director, Industrial Studies, Office of Technology Evaluation, U.S. Department of Commerce
- Ted Bujewski, Chief, Industrial Base and Supply Chain, Management Strategic Analysis and Integration Division, Human Exploration and Operations Mission Directorate, NASA Headquarters
- 12:15pm Lunch Break (see listing of local lunch options)

- 1:30pm Engineering Standards and Tools
 - *Tim Crumbley, Manager, NASA Technical Standards Program, Chief Engineer's Office, NASA Marshall Space Flight Center*
 - *Maurice O'Connor, Senior Manager, New Business Development, IHS*
- 2:15pm Preventing Supplier Quality Problems
 Dennis R. Owens, Manager, Defense Systems Quality Engineering, Sandia National Laboratories, Lockheed Martin Corporation
- 2:45pm Networking Break*
- 3:05pm Advancing Commercial Space Transportation
 Pamela A. Melroy, Senior Technical Advisor, Office of Commercial Space Transportation, Federal Aviation Administration
- 3:45pm Panel Session: Role of Suppliers in Achieving Affordable Space Missions
 Panel Chair: Christopher J. Scolese, Director, NASA GSFC
 Panelists:
 - *Michael L. Donnelly, Project Manager, Origins-Spectral Interpretation-Resource Identification-Security-Regolith Explorer (OSIRIS-REx), NASA GSFC*
 - *John Decker, Associate Director, Flight Projects Directorate, NASA GSFC*
 - *William A. Wrobel, Director, Wallops Flight Facility, NASA GSFC*
- 4:50pm Closing Remarks from the Conference Co-Chairs
 - *Judith N. Bruner, Director, Safety and Mission Assurance Directorate, NASA GSFC*
 - *Dennis J. Andrucyk, Director, Applied Engineering and Technology Directorate, NASA GSFC*
- 5:00pm Adjourn Conference
- 5:30pm GSFC Mission Configuration System Demo
 - *Nancy Lindsey, Senior Mission Systems Reliability Manager, Reliability and Risk Analysis Branch, Safety and Mission Assurance Directorate, NASA GSFC*
 - *Anthony Diventi, Chief, Reliability and Risk Analysis Branch, Safety and Mission Assurance Directorate, NASA GSFC*
 Location TBD

October 18th

- 9:00 am to noon Seminar: Workmanship Standards for Space Flight Hardware
- *Greg Ellers, Deputy Program Manager, NASA Audits, Assessments, and Assurance (A3) Services, Honeywell Technology Solutions, Inc.*
- *Bob Humphrey, Technical Liaison, NASA Workmanship Program, Honeywell Technology Solutions, Inc.*
- *Jeannette Plante, Manager, NASA Workmanship Standards Program, Safety and Mission Assurance Directorate, NASA GSFC*
Location: Building 8 Auditorium, GSFC
- 9:00am to noon Guided tour of GSFC's Visitor Center and facilities.
Tour begins at the Visitor Center (Building 88). Tour leader is Charles Kim of the Institutional Support Office, Safety and Mission Directorate.